

ABSTRACT OF THE DISCLOSURE

5 An image processing apparatus reducing image noise caused at a device which has a stationary reading portion such as a CCD sensor and reads an image of a document by moving the document is structured as follows: the image processing apparatus determines whether full color image data read by the reading portion is out of a predetermined color space; it uses shift resistors to determine that the image data out of the predetermined color space continues in a sub scanning direction; and thus
10 it detects a line-shaped dirt image caused by dirt or the like at the reading portion, and corrects the dirt image.